

# Automobile Manufacturers Association

## Consolidated Specification Questionnaire

### For 1946 Models

### Mechanical Details

Make of Car..... OLDSMOBILE ..... Model ..... DYNAMIC CRUISER "6" .....  
 Name of Maker..... OLDSMOBILE DIVISION  
GENERAL MOTORS CORPORATION ..... Address ..... Lansing, Michigan .....  
 Date..... 11-23-45 .....

**NOTE: (1) Subject to Correction:** It is understood that the following data are subject to correction in the case of cars not in production at the time this compilation was requested.  
**(2) Only standard equipment included in Factory Delivered price** should be included in this questionnaire.

#### ENGINE

No. of cylinders ..... 6 .....  
 Valve arrangement ..... L. Head .....  
 Bore ..... 3 1/2" ..... Stroke ..... 4 1/8" .....  
 Cylinder head, cast iron or aluminum ..... Cast Iron .....  
 Cylinder sleeve, Yes ..... No ..... No ..... No .....  
 Piston displacement ..... 238.1 cu. in. .....  
 Taxable horsepower ..... 29.4 .....  
 Horsepower rating—

To be based on actual performance corrected to 60°F. at sea level (barometric pressure 29.92 inches of mercury) with standard fuel. (Octane No. of fuel ..... 75 .....)

—With Bare Engine—

Maximum brake hp. .... 100 ..... at ..... 3,400 ..... R.P.M.

—With Standard Accessories—\*

Maximum brake hp. .... 94 ..... at ..... 3,400 ..... R.P.M.

\*Those standard accessories needed for normal operation including fan, generator, starter, air cleaner, muffler, manifolds, fuel and water pumps.

Maximum torque—

With bare engine, lb. ft. .... 190 ..... at ..... 1,200 ..... R.P.M.

With standard accessories,\* lb. ft. .... 185 ..... at ..... 1,200 ..... R.P.M.

Compression Ratio—

Standard ..... 6.5:1 ..... Optional ..... None .....

Standard compression pressure —pounds—

At cranking speed ..... 115# .....

At what R.P.M. .... 100 .....

#### PISTONS and RINGS

Piston

Make ..... Own .....

Material ..... Aluminum Alloy .....

Features—split skirt, invar strut, oval, tin-plated, aluminum oxide finish, auto-thermic, V-Bridge, porous chrome plate, etc. ..... T-Slot-Cam Ground-Oxalic Sulphuric Acid .....

Weight—ounces—without rings, pin or bushing. .... 18 1/2 oz. ....

Length ..... 4 1/32" .....

Clearance—

Top land ..... .023" ..... to ..... .028" .....

Skirt, top ..... .0025" ..... bottom ..... .00075" .....

#### PISTONS and RINGS (cont'd)

Piston ring groove depth—

Oil ..... 11/64" ..... Compression ..... 3/16" .....

No. of oil rings used per piston ..... 2 .....

Width of oil rings ..... 3/16" .....

Width of oil ring gap ..... .007 - .015" .....

No. of compression rings used per piston ..... 2 .....

Width of compression rings ..... 3/32" .....

Width of compression ring gap ..... .008 - .018" .....

Maximum wall thickness of oil rings ..... .155" .....

Maximum wall thickness of compression rings ..... .172" .....

Are ring expanders used, Yes ..... No ..... No ..... No .....

#### RODS and PINS

Wristpin—

Material ..... SAE 1117 Mod. .....

Length ..... 3.5/32" ..... Diameter ..... 55/64" .....

Locked in rod, piston or floating ..... Locked in Piston .....

Clearance in piston ..... .0002" ..... to ..... .0001" .....

Clearance in rod ..... .0003" ..... to ..... .0006" .....

Connecting rod—

Length—center to center ..... 7.13/16" .....

Material ..... G.M. X-1336 .....

Weight—ounces ..... 29 .....

Crankpin journal—

Diameter ..... 2 1/8" ..... Length ..... 1 1/4" .....

Lower bearing—

Material ..... Steel Back Durex Babbitt Overlay .....

Clearance ..... .0005" ..... to ..... .0025" .....

End play ..... .0055" ..... to ..... .0105" .....

Sh—solid, laminated or none ..... None .....

Spun or separate ..... Separate .....

Rods and pistons removed from above or below ..... Above .....

#### CRANKSHAFT

Material ..... GM 1045 DF Steel .....

Weight—stripped ..... 84 .....

Vibration dampener used—yes or no ..... Yes .....

Type ..... Spring .....

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**CRANKSHAFT (cont'd)**

Crankshaft counterweights used, number of 7  
 Which main bearing takes thrust Front  
 Crankshaft end play .004" - .008"  
 Main bearing—  
 Type: Cast-in or Slip-in Yes  
 If slip-in: Removable from below Yes  
 Necessary to align room No  
 Material Steel Back Durex Babbit Overlay  
 Clearance Rear .0005" to .002" others .001"  
 Shim—solid, laminated or none None to .003"  
 Main bearing journal diameter x length—  
 No. 1 2.31/64" x 1.17/32"  
 No. 2 2.35/64" x 1.3/8"  
 No. 3 2.45/64" x 1.3/8"  
 No. 4 2.11/16" x 1.5/8"  
 No. 5  
 No. 6  
 No. 7  
 No. 8  
 No. 9  
 Crankshaft gear or sprocket—  
 Make Whitney  
 Material G.M.C. X-1314

**CAMSHAFT**

Camshaft gear or sprocket—  
 Make Whitney  
 Material G.M. #12M Cast Iron  
 Timing chain—  
 Make Whitney  
 Number of links 47  
 Width 1"  
 Pitch .500"

**VALVES**

**INTAKE VALVE—**

Make Various  
 Material High Quality Alloy Steel  
 Overall length 5.51/64"  
 Actual overall diameter of head 1.9/16"  
 Minimum port diameter 1.3/16"  
 Angle of seat 30°  
 Is valve seat an insert? No  
 Stem diameter .3420"  
 Stem to guide clearance .00175" to .00375"  
 Lift .300"  
 Spring pressure and length—  
 Outer—

**VALVES (cont'd)**

With valve closed—lb. 55 ins. 2.1/4"  
 With valve open—lb. 100 ins. 1.15/16"  
 Length out of engine—ins. 2.5/8"  
 Inner— None  
 With valve closed—lb. ins.  
 With valve open—lb. ins.  
 Length out of engine—ins.

**EXHAUST VALVE—**

Make Various  
 Material Heat Resistant Alloy Steel  
 Overall length 5.61/64"  
 Actual overall diameter of head 1.27/64"  
 Minimum port diameter 1.1/4"  
 Angle of seat 45°  
 Is valve seat an insert? No Material  
 Stem diameter .3414"  
 Stem to guide clearance .00245" to .00425"  
 Lift .300"  
 Spring pressure and length—

Outer—  
 With valve closed—lb. 55 ins. 2.1/4"  
 With valve open—lb. 100 ins. 1.15/16"  
 Length out of engine—ins. 2.5/8"  
 Inner— None  
 With valve closed—lb. ins.  
 With valve open—lb. ins.  
 Length out of engine—ins.

Operating tappet clearance (hot or cold)—intake .008" Hot  
 Tappet clearance for valve timing—intake .0125" Hot  
 Operating tappet clearance (hot or cold)—exhaust .011" Hot  
 Tappet clearance for valve timing—exhaust .0125" Hot  
 Hydraulic valve lifters—yes or no No

**Valve timing—**

Intake opens 5 degrees BUDC piston travel .010 inches  
 Intake closes 45 " ALDC " " 3.670 inches  
 Exhaust opens 45 " BLDC " " 3.648 inches  
 Exhaust closes 5 " AUDC " " .010 inches  
 Valve Timing Marks—on Flywheel, Vibration Damper, None Flywheel

**LUBRICATION**

Lubricating system type—pressure or splash Pressure  
 Oil pressure to—  
 Main bearings—yes or no Yes  
 Connecting rods—yes or no Yes  
 Wristpins—yes or no Yes  
 Camshaft bearings—yes or no Yes  
 Tappets—yes or no No

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**LUBRICATION (cont'd)**

Timing gear or chain lubrication—*positive or splash*.....Positive  
 Oil pump type.....Gear  
 Oil grade recommended—*SAE viscosity and temperature range*—  
 .....Sea Lubrication Chart  
 Normal oil pressure—*lbs. at M.P.H.*.....30  
 Pressure at which relief valve opens.....30  
 Capacity of oil reservoir—*quarts, dry*.....5.....*refill*.....5  
 Oil pressure gauge make.....A.C.  
 Oil reservoir level gauge type.....Dip Stick  
 Floating type oil intake—*yes or no*.....No  
 External oil filter make.....None  
 Other type of oil cleaner.....None  
 Oil cooler make.....None  
 Chassis lubrication—*Make*.....Various

**FUEL**

Gasoline tank—*capacity*.....19 Gallons  
 Fuel feed—  
 Type—*vacuum tank, electric pump, gravity vacuum pump or camshaft pump*.....Camshaft Pump  
 Make.....A.C.....Model 1537358  
 Carburetor—  
 Make.....Carter.....Model (WA-1) W-1  
 Number used.....1  
 Size.....1 1/2"  
 Type—  
 Up or down draft.....Down.....Single or dual.....Single  
 Intake manifold heat control—*manual, automatic or none*.....Automatic  
 Automatic chokes, make.....Carter.....Model  
 Air cleaner—*intake silencer make*.....A.C.  
 Type—*dry felt; oil bath; oil coated fibre*.....Oil coated copper  
 Heavy Duty type—*Make*.....Model  
 Muffler make.....Various  
 Tail pipe diameter.....1 3/4"

**COOLING**

Water pump—  
 Type.....Sealed Centrifugal  
 Drive.....V Belt  
 Is pump equipped with packing nut.....No  
 Water circulation thermostat make.....Harrison  
 Pressure relief valve—*yes or no*.....No  
 By-pass for recirculation—*yes or no*.....Yes  
 Radiator core—  
 Type.....Tubular Vee Cell  
 Make.....Harrison

**COOLING (cont'd)**

Cooling system—*capacity, quarts*.....18 1/2  
 Water jackets full length of cylinders—*yes or no*.....Yes  
 Water all around cylinder—*yes or no*.....Yes  
 Lower radiator hose—  
 Inside diameter.....1 3/4".....Length.....13" Approx.  
 Upper radiator hose—  
 Inside diameter.....1 1/2".....Length.....8"  
 Fan belt—  
 Make.....Various  
 Angle of vee.....32°  
 Length, outside.....44 11/16" Width, maximum.....13/16"  
 Fan—  
 Make.....Own.....No. of Blades.....4

**IGNITION**

Ignition units—  
 Make.....Delco Remy.....Model 1110213  
 Manual or octane selector, *degrees advance*.....10°.....*retard*.....10°  
 Maximum centrifugal advance crankshaft, *degrees*.....22°  
 .....at.....4,000.....engine R.P.M.  
 Inches of Mercury Necessary to operate Vacuum Advance (Plus or minus 1 inch).....8.5 Hg.  
 Maximum Vacuum advance crankshaft, *degrees*.....12°  
 Breaker gap......020".....Breaker arm tension.....17-21.....oz.  
 Dwell angle.....35°  
 Timing—*Breaker points open*.....0.....*degrees crankshaft rotation or TDC*.....*inches piston travel (after or before) top center with octane selector in the Normal*.....*position.*  
 Timing mark location—*flywheel, vibration dampener or none*.....Flywheel  
 Firing order.....1-5-3-6-2-4  
 Amperage draw of ignition coil—  
 With engine stopped.....4.5  
 With engine idling.....2.0  
 Spark plug—  
 Thread—*10 m.m., 14 m.m. or 18 m.m.*.....14 M.M.  
 Make.....A.C.....Model #48  
 Gap......040"  
 Ignition cable make.....G. M.

**BATTERY**

Make.....Delco Remy.....Model 15E2  
 Capacity—*ampere hours*.....100.....@ 20 hour rate  
 Number of plates per cell.....15  
 Bench charging rate—  
 Start.....12.5.....Finish.....4.5  
 Which battery terminal is grounded.....Negative  
 Location of battery.....Under Hood

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**STARTING MOTOR**

Make.....Delco Remy.....Model.....1107034.....  
 Normal engine cranking speed.....Summer 100 R.P.M.....  
 Brush spring tension.....24 - 28 oz.....  
 Lock test—  
 Amperage draw.....475.....  
 Volts.....3.0.....  
 Torque in pounds feet.....12.....  
 No load test—  
 Amperage draw.....65.....  
 Volts.....5.....R.P.M.....5,600.....  
 Type of drive—~~sliding~~ sliding gear with overrunning clutch.....  
 Starting device—Solenoid, manual, etc.....Manual.....  
 Starter operation—check items required to start engine  
 1. Turn on ignition.....X.....  
 2. Depress starter pedal.....X.....  
 3. Depress accelerator pedal.....  
 4. Depress clutch pedal.....  
 5. Operate button on dash.....  
 6. Pull out throttle.....  
 Starting motor pinion meshes front or rear.....Front.....  
 No. of teeth in flywheel.....145.....  
 Face width of flywheel teeth.....1/2".....  
 Gear ratio between starter armature and flywheel.....16.11 : 1.....

**GENERATOR**

Make.....Delco Remy.....Model.....1102664.....  
 Type—third brush, shunt, etc.....Shunt.....  
 Brush spring tension.....24-28 oz.....  
 Current regulator, voltage regulator or current and voltage control unit.....Current and Voltage.....  
 Maximum controlled charging rate  
 Temperature.....150°.....  
 Amperes.....33.....  
 Voltage.....7.75.....  
 R.P.M.....2400.....  
 Cutout relay—  
 Voltage at closing.....6.5.....  
 Amperes to open, reverse current.....2.....  
 Air gap......020".....  
 Voltage regulator—  
 Volts.....7.3.....  
 Temperature.....150°.....  
 Air gap......070".....  
 Current regulator—  
 Amperes.....33.....  
 Temperature.....150°.....  
 Air gap......080".....  
 Car speed for maximum charging rate.....21 M.P.H. Up.....  
 Ammeter or charge indicator make.....A.C.....

**LAMPS**

Lighting switch make.....Delco Remy.....  
 Are tail and dash lights in series.....No.....  
 Headlights—  
 Make.....Guide.....  
 Location—in fender, in catwalk, or radiator shell in fender.....  
 Parking or fender light make.....Guide.....  
 Tail and stop light make.....Guide.....  
 Horn—  
 Type—vibrator or motor.....Vibrator.....No. used.....2.....  
 Make.....Delco Remy.....  
 Amperage draw of each.....High Note 19.....  
 Low Note 21.....

**CLUTCH**

Make.....Borg and Beck.....  
 Drive type—  
 Direct to flywheel face.....Yes.....  
 Through fluid flywheel.....  
 Semi-centrifugal.....No.....  
 Power operated unit—make.....None.....  
 Vibration insulation or neutralizer—fabric, rubber blocks or springs.....Springs.....  
 No. of clutch driving discs.....1.....  
 No. of clutch driven discs.....1.....  
 Clutch facing—  
 Material—woven or moulded asbestos, cork.....Woven-Moulded.....  
 Inside diameter.....6".....  
 Outside diameter.....9 1/4".....  
 Thickness......125".....  
 No. required.....2.....

**\*TRANSMISSION**

Transmission—  
 Make.....Own.....Model.....  
 No. of forward speeds.....3.....  
 Manual shift—yes, no.....Yes.....  
 Automatic or auxiliary shifting mechanism—yes.....no.....No.....  
 If yes, Make.....  
 Type—centrifugal, vacuum, electric or hydraulic.....  
 Automatic overdrive—  
 Make.....None.....  
 Oil capacity—pints.....  
 Oil grade recommended—S.A.E. viscosity  
 Summer.....  
 Winter.....  
 Gear ratio in high—standard 5-passenger 4-door sedan.....1:1.....  
 Transmission ratio—  
 In overdrive.....In second 1.6608:1.....  
 In third.....In fourth.....  
 In low 2.667:1.....in reverse 3.002:1.....

\* See Auxiliary sheet 4-A, attached, for information on Oldsmobile's Hydra-Matic drive. This unit is available for all models, car prices being increased accordingly. The information listed herein, under clutch and transmission applies to the 1946 design synchro-mesh transmission, standard equipment for all series cars.

HYDRAMATIC DRIVE SPECIFICATIONS

TYPE	High efficiency fluid coupling combined with a fully automatic transmission.
LOCATION	Unit with engine
TYPE OF GEARING	Planetary
CONTROL LOCATION	Steering Column
NUMBER OF FORWARD SPEEDS	4
TRANSMISSION RATIOS:	
First	3.8195 to 1
Second	2.6341 to 1
Third	1.45 to 1
Fourth	1 to 1
Reverse	4.3045 to 1
Transmission Oil Capacity	11 quarts
Clutch	None

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**TRANSMISSION (cont'd)**

Constant mesh gears on second ..... Yes .....  
 Spur or helical gears—  
     For second speed ..... Helical .....  
     For first speed ..... Helical .....  
     For reverse speed ..... Helical .....  
     For all speeds ..... Yes .....  
 Synchronous meshing and third gears ..... Yes .....  
 Transmission oil—  
     Capacity—pints ..... 2 .....  
     Grade recommended—S.A.E. viscosity  
         Summer ..... 90 ..... Winter ..... 90 .....  
 Universal joints—  
     Make ..... Mechanics .....  
     Number used ..... 2 .....  
     Type—metal with anti-friction Metal with anti-  
         bearing or metal with plain bearing friction bearing .....  
     Lubricated with ..... Permanently .....  
 Drive taken through springs, torque arm, torque tube or  
     radius rods ..... Stabilizing Arms .....  
 Torque taken through springs, torque arm, torque  
     tube or radius rods ..... Stabilizing Arms .....

**REAR AXLE**

Rear axle—  
     Make ..... Own ..... Model .....  
     Type—Semi, full or three-quarter floating. Semi-floating .....  
 Minimum road clearance under center of rear  
     axle—tires inflated ..... 7 1/2" .....  
 Rear axle oil—  
     Capacity—pints ..... 2 1/2 .....  
     Grade and type recommended—S.A.E. viscosity  
         Summer See Lub. Chart ..... Winter .....  
 Type of gearing—spiral bevel, worm, hypoid ..... Hypoid .....  
 Gear ratio—standard 5-passenger 4-door sedan ..... 4.3:1 .....  
     Optional gear ratios ..... 4.55:1 ..... 3.9:1 .....  
 Number of teeth—  
     In ring gear ..... 43 ..... In pinion ..... 10 .....  
 How is pinion adjusted—screw or shims ..... Shims .....  
 How is pinion bearing adjusted—screw or shims ..... None .....  
 Are pinion bearings carried in sleeve ..... No .....  
 Backlash between pinion and ring gear ..... .004" to .006" .....

**TIRES and WHEELS**

Tires—  
     Make ..... Various .....  
     Size ..... 16 x 6-50" ..... No. of plies ..... 4 .....

**TIRES and WHEELS (Cont'd)**

Inflation pressure—Front ..... 28 ..... Rear ..... 28 .....  
 Rim—Diameter ..... 16" ..... Width ..... 5.00K .....

**SPRINGS**

**FRONT SPRING—**

Independent or conventional suspension ..... Independent .....  
 Type—coil, semi-elliptic, transverse, torsion ..... Coil .....  
 Make ..... Own .....  
 Material ..... G.M. 9260M Spring Steel .....  
 Torsional stabilizer at front ..... Yes .....  
 If leaf—  
     Length ..... Width .....  
     Number of leaves—5-passenger, 4-door sedan .....  
     Are radius rods used on axle .....  
 If coil—  
     Free length ..... 14 3/4" .....  
     Length under curb weight ..... 10" .....

**REAR SPRING—**

Independent or conventional suspension ..... Conventional .....  
 Type—coil, semi-elliptic, transverse, torsion ..... Coil .....  
 Make ..... Own .....  
 Material ..... G.M. 9260M Spring Steel .....  
 Torsional stabilizer at rear ..... Yes .....  
 If leaf—  
     Length ..... Width .....  
     Number of leaves—5-passenger, 4-door sedan .....  
 Spring leaves lubricated with .....  
 Spring cover, Yes ..... No .....  
 Spring shackles—  
     Front—Type ..... Make .....  
     Rear—Type ..... Make .....  
 Spring bolts—  
     Type .....  
 If coil—  
     Free length ..... 18 1/2" .....  
     Length under curb weight ..... 12 1/4" .....  
     Rate for above ..... 110 ..... pounds per inch  
 Shock absorbers—  
     Make ..... Delco .....  
     Type, one way with lever, two way with lever, or direct acting  
         Front ..... Two Way with Lever .....  
         Rear ..... Two Way with Lever .....  
     Fluid capacity (oz.)—front ..... 134-140cc rear 154-163cc .....

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**STEERING**

Steering gear—  
 Type .....Worm and Roller.....  
 Make Saginaw.....Model 420-D-144.....  
 Ratio .....19:1.....  
 Lubricant recommended .....Sea Chart.....  
 Steering wheel diameter .....18".....  
 Drag (link longitudinal or transverse) .....Transverse.....  
 Tie rod—one or two .....2.....  
 Is intermediate steering arm used .....No.....  
 Number of turns of steering wheel for full left  
 to right swing of wheels .....4 1/2.....  
 Car turning radius—feet—right, left or both .....19' 9".....  
 Caster—degrees .....0°.....to .....-3/4°.....  
 Camber—degrees or -1/4° inches .....to .....+ 3/4°.....  
 Toe-in—inches .....1/16".....to .....1/8".....  
 Crosswise inclination of kingpin—degrees .....4° 51' 10".....  
 Front axle—  
 Make .....None.....Model .....  
 Section type—I-beams, tubular or none .....  
 End type—Elliott or reverse Elliott Reverse Elliott.....  
 Minimum road clearance—tires inflated .....7.5/8".....

**BRAKES**

Foot brakes—  
 Make .....Various.....  
 Type of mechanism, hydraulic or mechanical. Hydraulic.....  
 If vacuum booster is standard, state make .....None.....  
 Brake lining moulded, semi-moulded or woven—  
 Primary shoe .....Moulded.....  
 Secondary shoe .....Moulded.....  
 Drum—  
 Material Cast Iron.....Diameter .....11".....  
 Lining— Lined Steel.....  
 Length per wheel .....21.5/16".....

**BRAKES (cont'd)**

Width Front 2"-Rear 1 3/4" Thickness 3/16".....  
 Clearance—toe .015" heel .015".....  
 Total foot braking area .....159.8".....  
 Percent braking power on rear wheels .....44.....  
 Hand lever operates on—transmission, separate rear brakes, rear service brakes or all four service brakes. Rear Service.....  
 Hand brake, if separate from service brake—  
 Internal or external .....Internal.....  
 Drum diameter .....11".....  
 Lining—  
 Length per drum .....21.5/16".....  
 Width .....1 3/4".....Thickness .....3/16".....  
 Clearance ......015".....

**FRAME and OTHER GENERAL DATA**

Frame—  
 Depth—maximum .....6 1/4".....  
 Thickness—maximum .....1/8".....  
 Flange width—maximum .....2 1/4".....  
 Wheelbase .....125".....  
 Tread—  
 Front .....58".....  
 Rear .....61 1/2".....  
 Weight of standard 5-passenger, four-door sedan—\*  
 Shipping .....3528.....  
 Curb .....3684.....  
 Price of standard 5-passenger, 4-door sedan Not Available.....  
 First serial number, this series 76-92, 001.....  
 Serial number location Upper left side on front face  
 of dash.....  
 Overall length of car—  
 With bumpers and bumper guards .....213".....  
 Overall width of car .....76".....  
 Overall height, road to roof with no load .....65.1/8".....  
 \* Estimated

Make of Car **OLDSMOBILE** Model **DYNAMIC CRUISER "SIX"** Date **November 23, 1946**

**NOTE**—In giving bearing dimensions, kindly use the following order: inside diameter, outside diameter and width. Where cup and cone bearings are used, give both cup and cone numbers.

**BEARINGS**

Water pump bearing—  
 Make or type **New Departure D.R. Ball**  
 Size or number **954210**

Fan bearing—  
 Make or type **None**  
 Size or number

Starting motor commutator end bearing—  
 Make or type **Plain**  
 Size or number **9/16" x 15/16"**

Starting motor drive end bearing—  
 Make or type **None**  
 Size or number

Starting motor outboard bearing—  
 Make or type **Bronze Graphite**  
 Size or number **1/2" x 25/32"**

Generator commutator end bearing—  
 Make or type **Bronze**  
 Size or number **9/16" x 25/32"**

Generator drive end bearing—  
 Make or type **Ball Bearing**  
 Size or number **N.D. 3203**

Transmission main drive gear front pilot bearing—  
 Make or type **Durex**  
 Size or number **412562**

Clutch throwout bearing—  
 Make or type **Graphite**  
 Size or number **411538**

Transmission main drive gear rear bearing—  
 Make or type **New Departure Ball**  
 Size or number **954154**

Transmission main shaft front pilot bearing—  
 Make or type **Roller**  
 Size or number **1294780**

Transmission main shaft rear bearing—  
 Make or type **New Departure Ball**  
 Size or number **907506**

Transmission countershaft front bearing—  
 Make or type **Needle**  
 Size or number **1302154**

Transmission countershaft rear bearing—  
 Make or type **Needle**  
 Size or number **1302154**

Transmission reverse idler bearing—  
 Make or type **Bronze Bushing**

**BEARINGS (cont'd)**

Size or number **1307858**

Overdrive shaft rear bearing—  
 Make or type **None**  
 Size or number

Overdrive shaft pilot bearing—  
 Make or type **None**  
 Size or number

Main shaft extension bearing—  
 Make or type **Steel Backed Bronze**  
 Size or number **1318790**

Rear axle pinion shaft front bearing—  
 Make or type **New Departure D.R. Ball**  
 Size or number **905306**

Rear axle pinion shaft rear bearing—  
 Make or type **Hyatt Roller**  
 Size or number **107891**

Differential right bearing—  
 Make or type **Hyatt or Bower**  
 Size or number **179243 or 502970**

Differential left bearing—  
 Make or type **Hyatt or Bower**  
 Size or number **179243 or 502970**

Rear wheel inner bearing—  
 Make or type **None**  
 Size or number

Rear wheel outer bearing—  
 Make or type **New Departure Ball**  
 Size or number **954172**

Front wheel inner bearing—  
 Make or type **New Departure Ball**  
 Size or number **909702**

Front wheel outer bearing—  
 Make or type **New Departure Ball**  
 Size or number **909701**

Kingpin upper bearing—  
 Make or type **Steel Backed 4035M Bronze**  
 Size or number **231905**

Kingpin lower bearing—  
 Make or type **Steel Backed 4035M Bronze**  
 Size or number **231905**

Kingpin thrust bearing—  
 Make or type **New Departure Ball**  
 Size or number **230679**



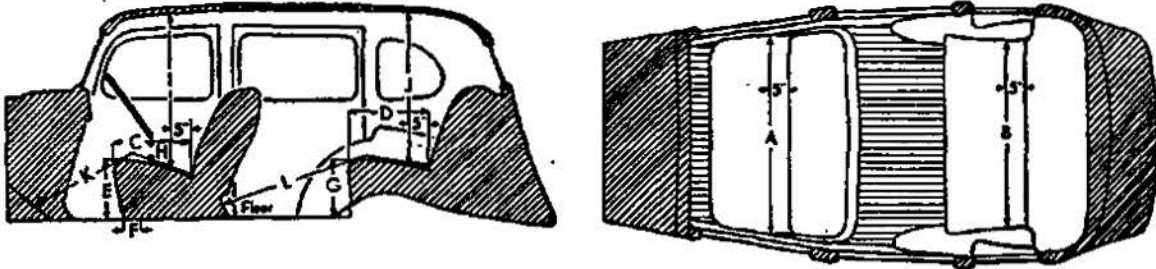
Make of Car.....OLDSMOBILE..... Model DYNAMIC CRUISER "SIX"..... Date November 23, 1945

NOTE: (1) List only that equipment which is included in the factory delivered price. Special equipment which is fitted, but not included in the factory delivered price should be listed with its additional price.  
 (2) Enter on top line your own model name, or series mark corresponding to Standard, DeLuxe or Custom.

EQUIPMENT	Models		Custom
	Dynamic Standard "6"	Dynamic DeLuxe "6"	
Catalog Designation of Model .....	Dynamic Standard "6"	Dynamic DeLuxe "6"	Custom
Lacquer make .....	Various	Various	
Body finish, lacquer or synthetic enamel .....	Lacquer	Lacquer	
Fender finish, lacquer or synthetic enamel .....	Lacquer	Lacquer	
Hardware make .....	Ternstedt	Ternstedt	
Speedometer make .....	A.C.	A.C.	
Gasoline gauge make .....	A.C.	A.C.	
Thermometer make .....	A.C.	A.C.	
Car lock make .....	Various	Various	
Car lock operates on ignition or ignition and steering .....	Ignition	Ignition	
Clock make .....	None	Electric	
Ciger lighter make .....	Various	Various	
Safety glass make .....	L.O.F.	L.O.F.	
Safety glass type, laminated or tempered .....	Laminated	Laminated	
In windshield .....	Laminated	Laminated	
In side windows .....	Laminated	Laminated	
In rear window .....	Tempered	Tempered	
Bumper make .....	Own	Own	
Bumper guard make .....	Guide	Guide	
Car heater make .....	None	None	
Type .....	None	None	
Direction signal make .....	None	None	
Front—yes or no .....	None	None	
Rear—yes or no .....	None	None	
No. of tail lights included .....	2	2	
No. of visors included .....	2	2	
No. of horns included .....	2	2	
No. of windshield wipers included .....	2	2	
No. of spare tires included .....	0	0	

Make of Car.....OLDSMOBILE.....Model DYNAMIC CRUISER "SIX" Date November 23, 1945

**BODY DIMENSIONS (Five-Passenger, Four-Door Sedan)**



**INTERIOR**

*All interior body dimensions taken with front seats in its rear position*

Width of front seat cushion, measured 5 inches from back (A) .....	56 1/4"
Width of rear seat cushion, measured 5 inches from back (B) .....	52"
Depth of front seat cushion (C) .....	17 3/4"
Depth of rear seat cushion (D) .....	19 1/4"
Height of front seat cushion measured 12 1/2 inches from center line of body (E) .....	13"
Front seat horizontal adjustment, inches (F) .....	4 1/2"
Front seat vertical adjustment, inches .....	1 1/2"
Height of rear cushion measured 12 1/2 inches from center line of body (G) .....	13 1/8"
Vertical distance steering wheel and seat cushion (H) .....	5 1/4"
Head room at front seat, measured 5 inches from back (I) .....	37 3/4"
Head room at rear seat, measured 5 inches from back (J) .....	36 1/16"
Leg room in front seat, measured from 6 inches up on toe board, following contour of seat cushion (K) .....	42 5/8"
Leg room in rear seat, measured from center of foot rest, following contour of seat cushion (L) .....	39 1/4"
Trunk capacity, cubic feet .....	15.9
Width of left front pillar on diagonal with door closed .....	4 3/8"

